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Figure 1: Conventional Hot-Top Cast Process

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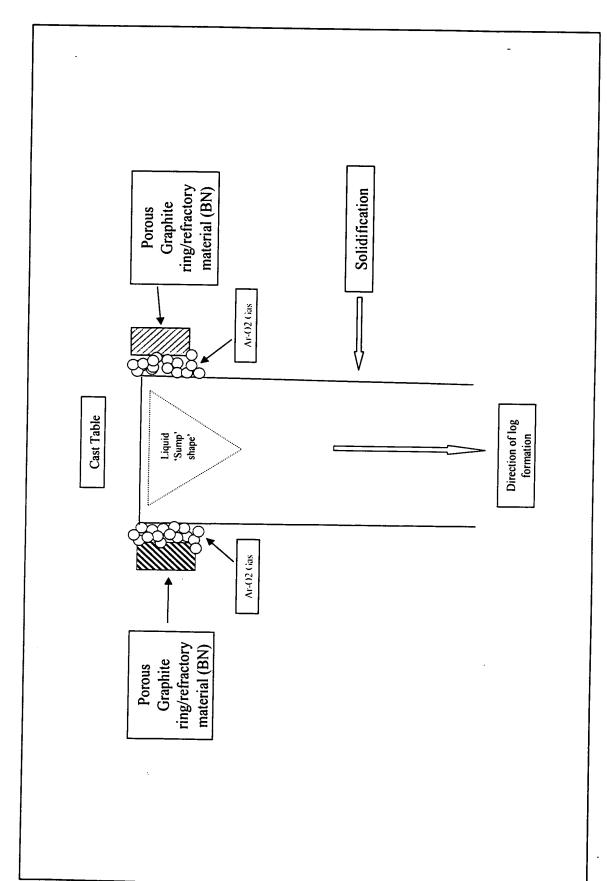


Figure 2: Gas-Slip Cast Process for Manufacture of the Present Invention

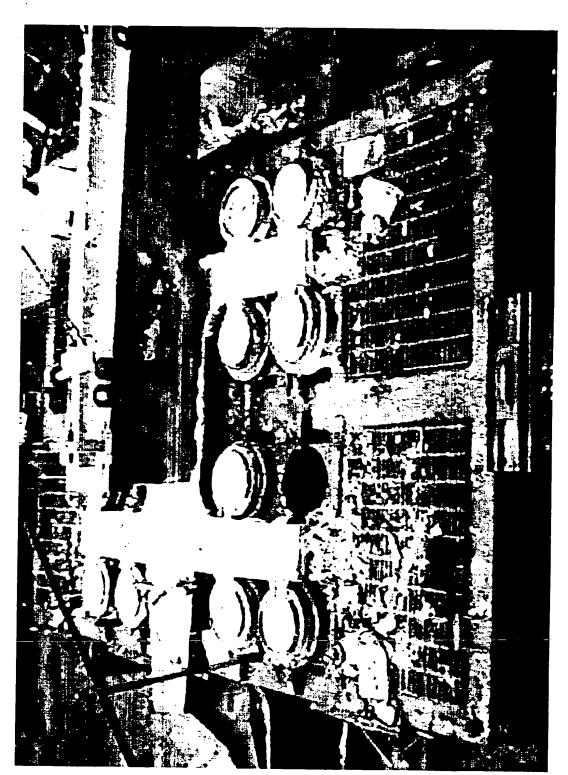
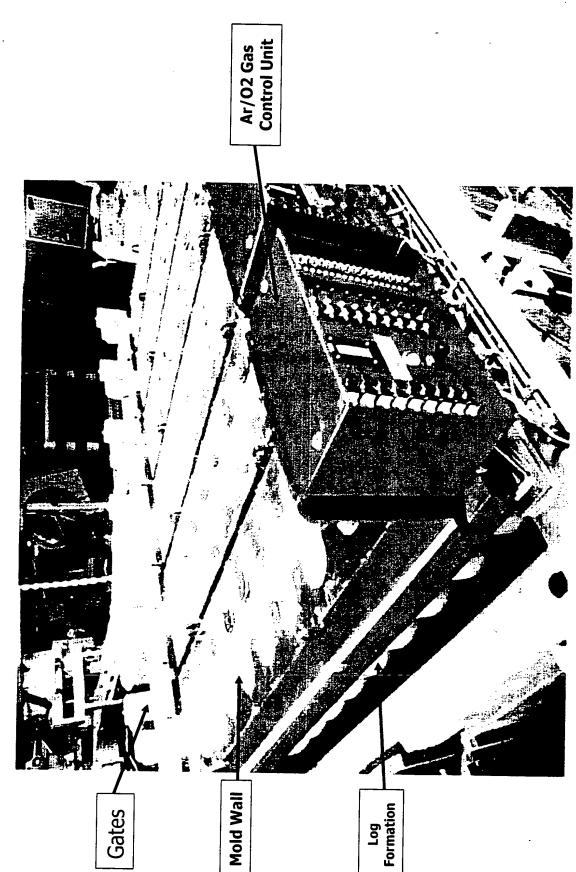
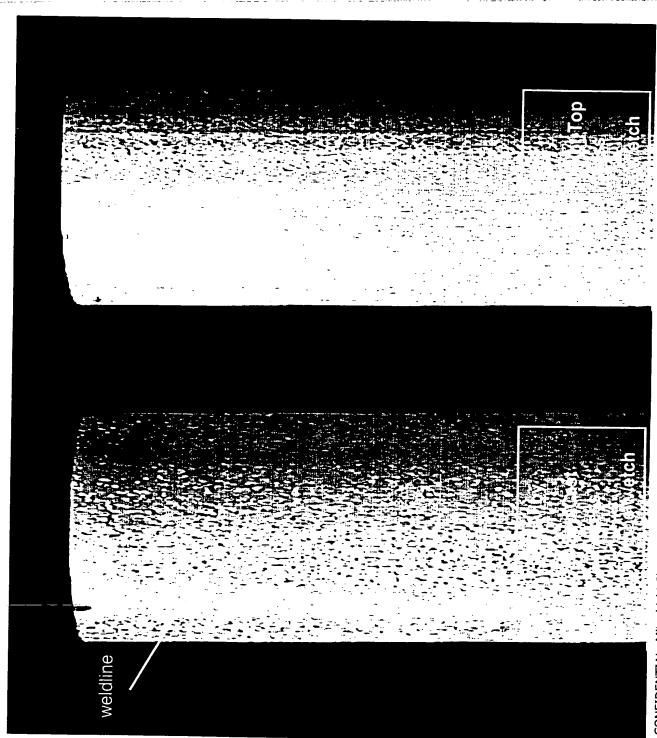


Figure 3: Conventional Hot-Top Cast Table



CONFIDENTIAL: Mitsubishi Chemical America, Inc. Figure 4: Gas-slip Cast Table used in Manufacture of the Present Invention



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Rigure 5; Comparison of Drawn Tube Surface Finishes for Aluminum Alloys of Gas-slip and Conventional Product

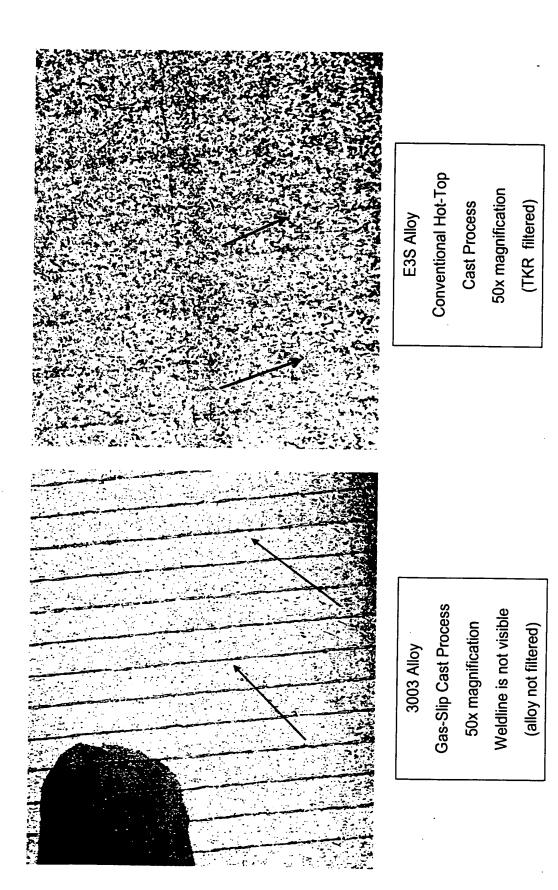


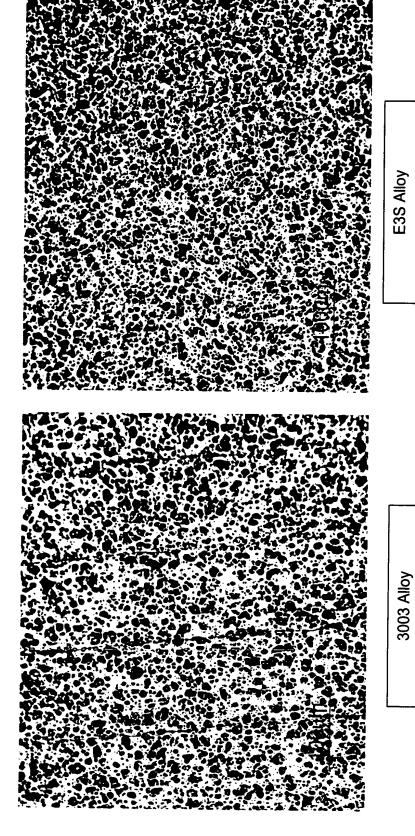
Figure 6; Comparison of Weld-line results for Aluminum Alloys of Gas-slip and Conventional Product

100um

3003 Alloy
Gas-Slip Cast Process
200x magnification
(alloy not filtered)

E3S Alloy
Conventional Hot-Top
Cast Process
200x magnification
(TKR filtered)

Figure 7; Comparison of Turned Surface Finishes for Aluminum Alloys of Gas-slip and Conventional Product



E3S Alloy
Conventional Hot-Top
Cast Process
100x magnification

Gas-Slip Cast Process

100x magnification

(alloy not filtered)

(TKR filtered)

Figure 8; Comparison of Gas-slip Unfiltered Aluminum Alloy with Finish of Aluminum Alloy of TKR Filtered Conventional Product

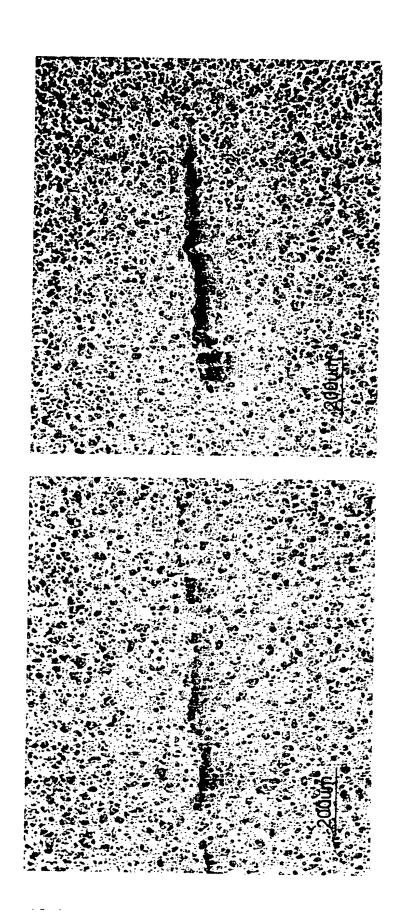


Figure 9; Typical Lamination Defects — Small —X100 magnification for Product; Left Side is Gas-slip developed surface and Right side is Conventional Product